



Broad World Precision

BJS PUNCHES WITH KEY GROOVE

A

D

R

E

G

$P \geq W$
 $R = 0$ (ALLOWED)
 $K = \sqrt{P^2 + W^2}$

$P \geq W$
 $0.02 \leq R < W/2$
 $K = \sqrt{(P-2R)^2 + (W-2R)^2} + 2R$

Type	Material	Hardness
BJSD	SKD11	60 ~ 62
BJSH	SKH51	61 ~ 63
BJSP	ASP23	63 ~ 66
BJSW	CARBIDE	
A-CODR	Dm5 → D ^{+0.005}	

Type	D	L1	S	A	D R E G		T	R	L
				min. P .max	P.K max	P.W min			
BJSD BJSH BJSP BJSW	3	8	0.5	1.00 ~ 2.99	—	—	≥5	0.2	40 50 60 70 80
	4			1.00 ~ 3.99	3.97	1.00			40 50 60 70 80
	5			2.00 ~ 4.99	4.97	1.20			40 50 60 70 80
	6	2.50 ~ 5.99	5.97	1.50	40 50 60 70 80				
	8	13	1.5	4.00 ~ 7.99	7.97	2.00	W / 2	50 60 70 80 90 100	
	10			6.00 ~ 9.99	9.97	2.50		50 60 70 80 90 100	
	13			8.00 ~ 12.99	12.97	3.00		50 60 70 80 90 100	
	16			19	11.00 ~ 15.99	15.97		4.00	50 60 70 80 90 100



Type: D: Shape: P: W: R: T: L: QTY:
 A-BJSD: Shape: P: T: L: QTY:

Please contact us if you have other special request or specifications.